FIG. 1

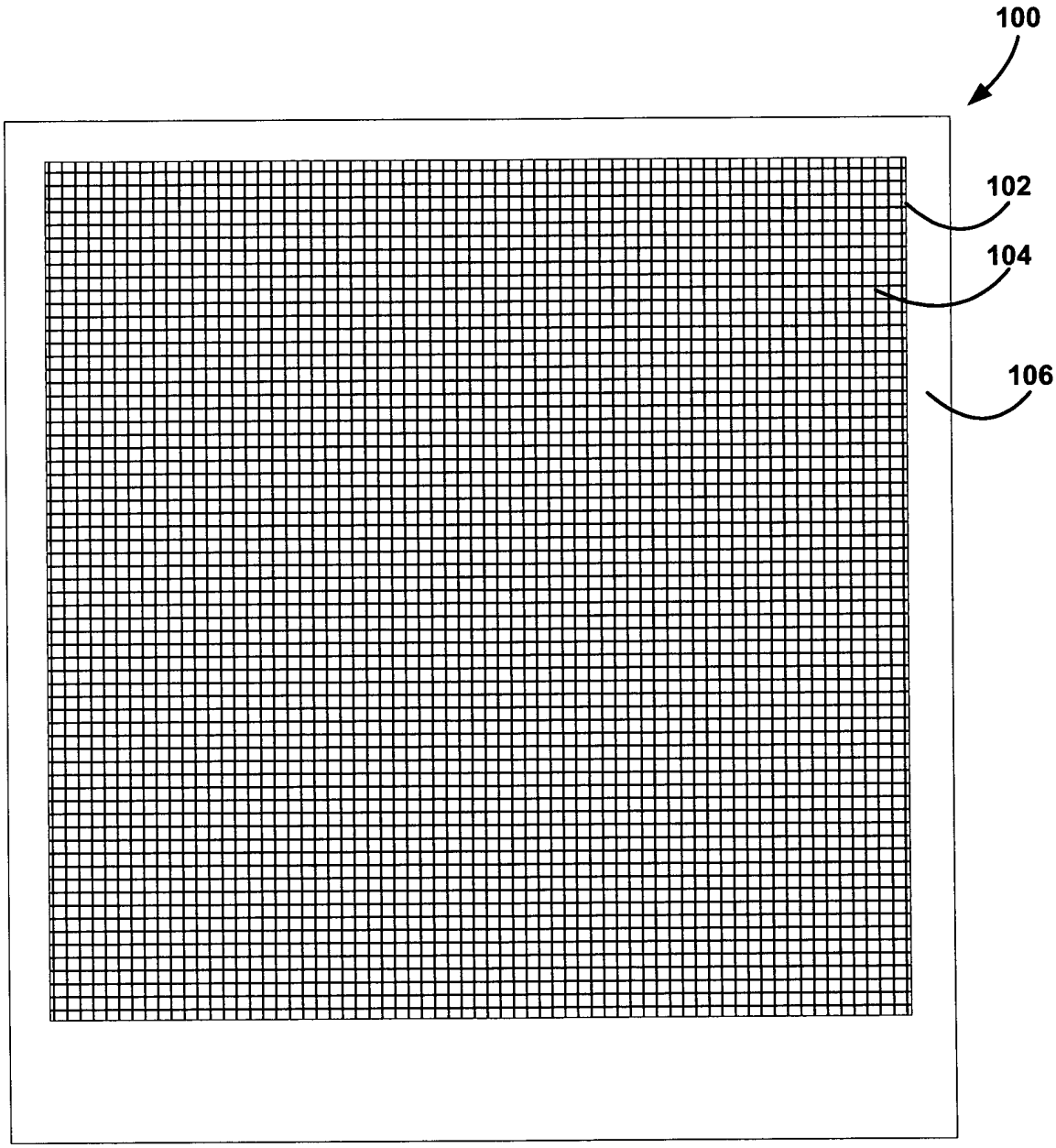


FIG. 2

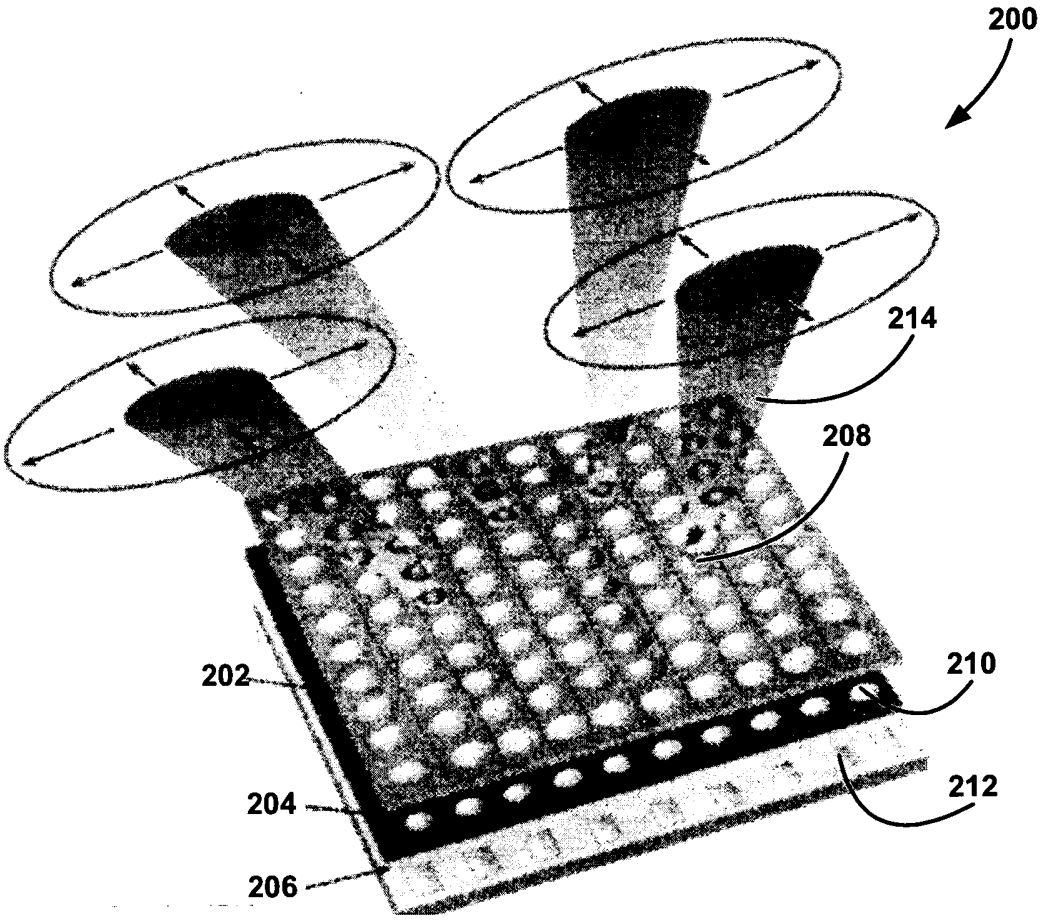


FIG. 3A

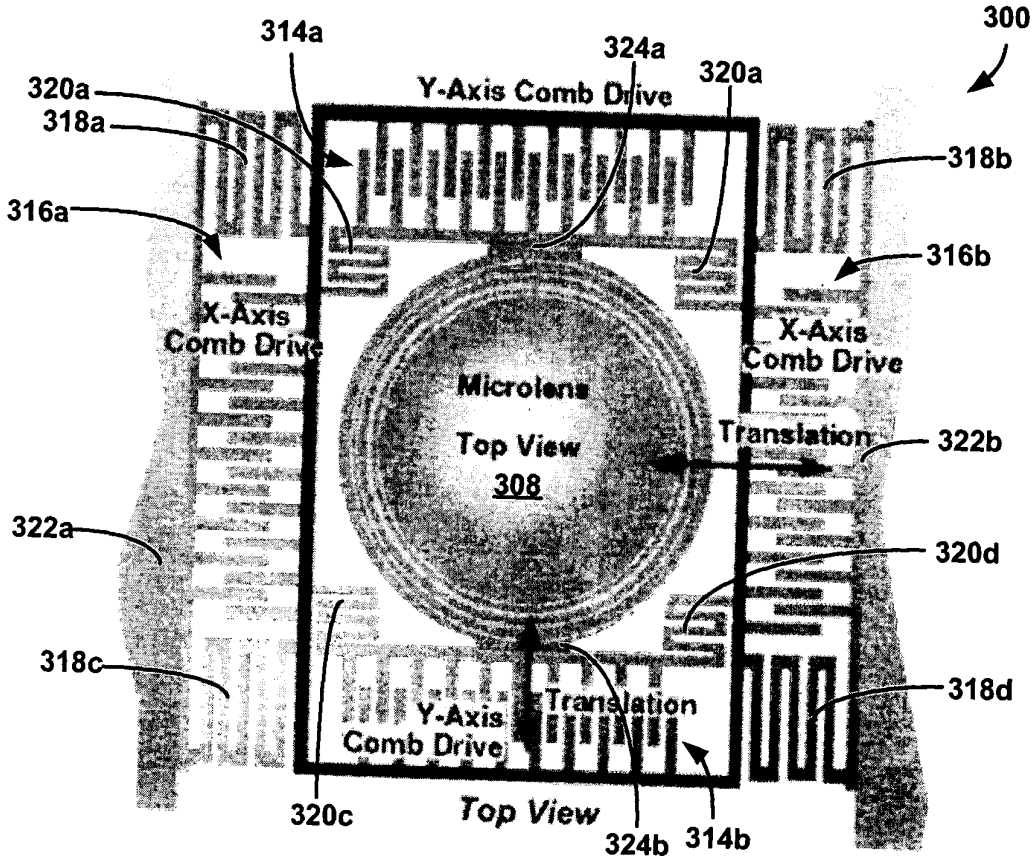

300
314a
324a
320a
320a
Y-Axis Comb Drive
318a
318b
316a
316b
X-Axis
Comb Drive
X-Axis
Comb Drive
Microlens
Top View
308
Translation
322b
322a
320d
318c
318d
Translation
Y-Axis
Comb Drive
320c
Top View
324b
314b

FIG. 3B

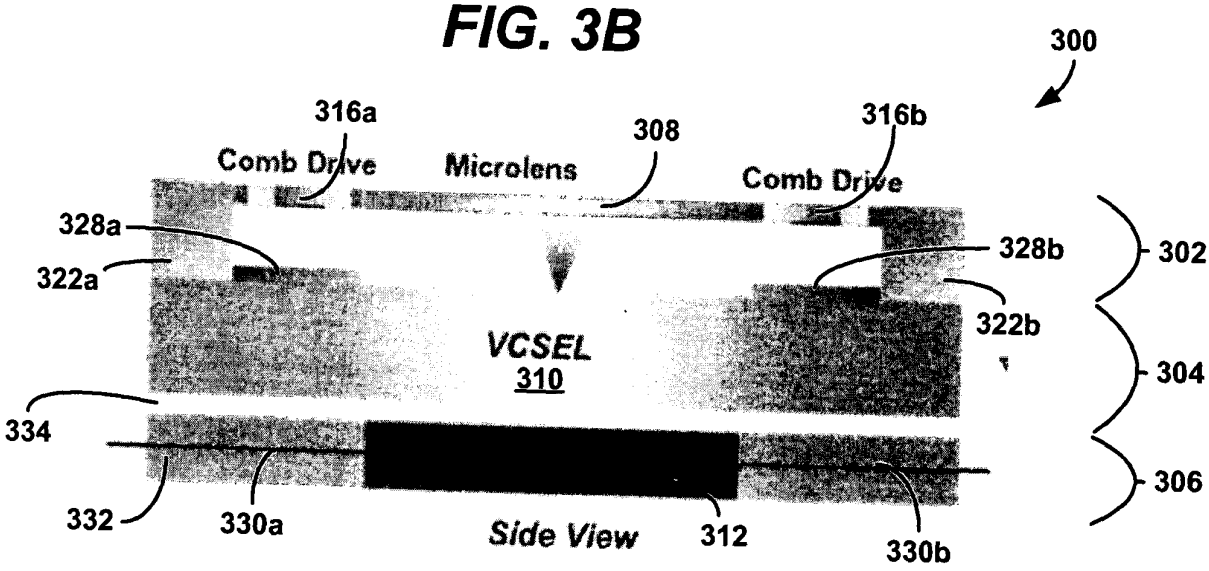

300
316a
316b
308
Comb Drive
Microlens
Comb Drive
328a
328b
302
322a
322b
VCSEL
310
304
334
306
332
330a
Side View
312
330b

FIG. 4A

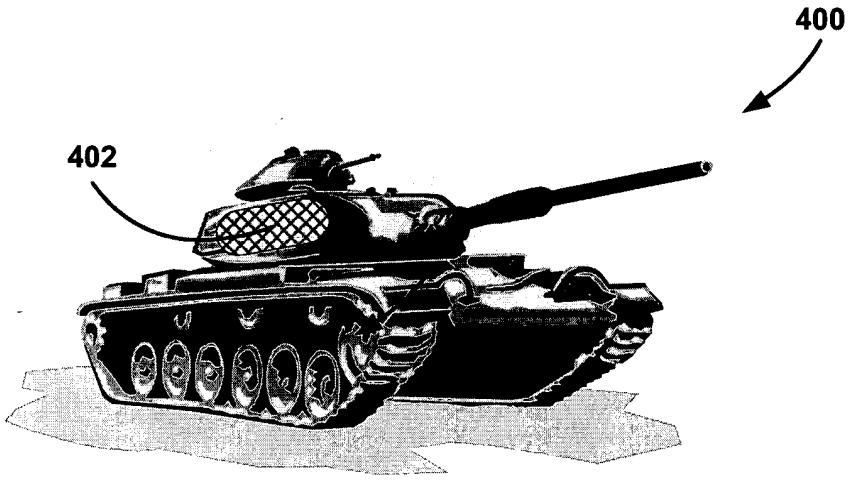


FIG. 4B

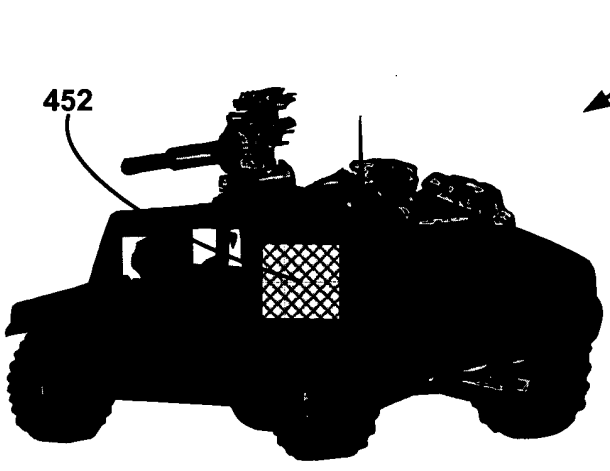


FIG. 5A

FIG. 5B

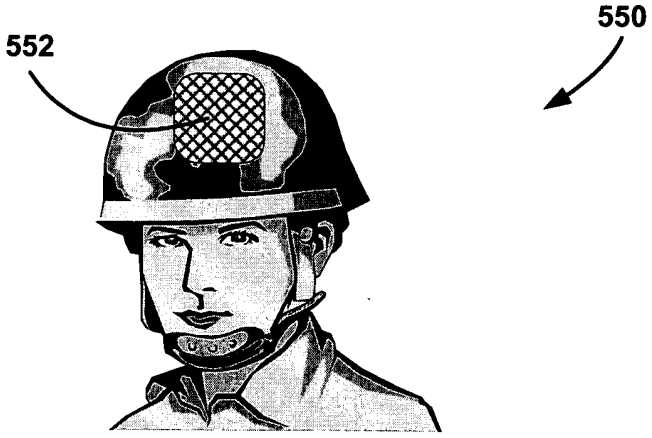


FIG. 6A

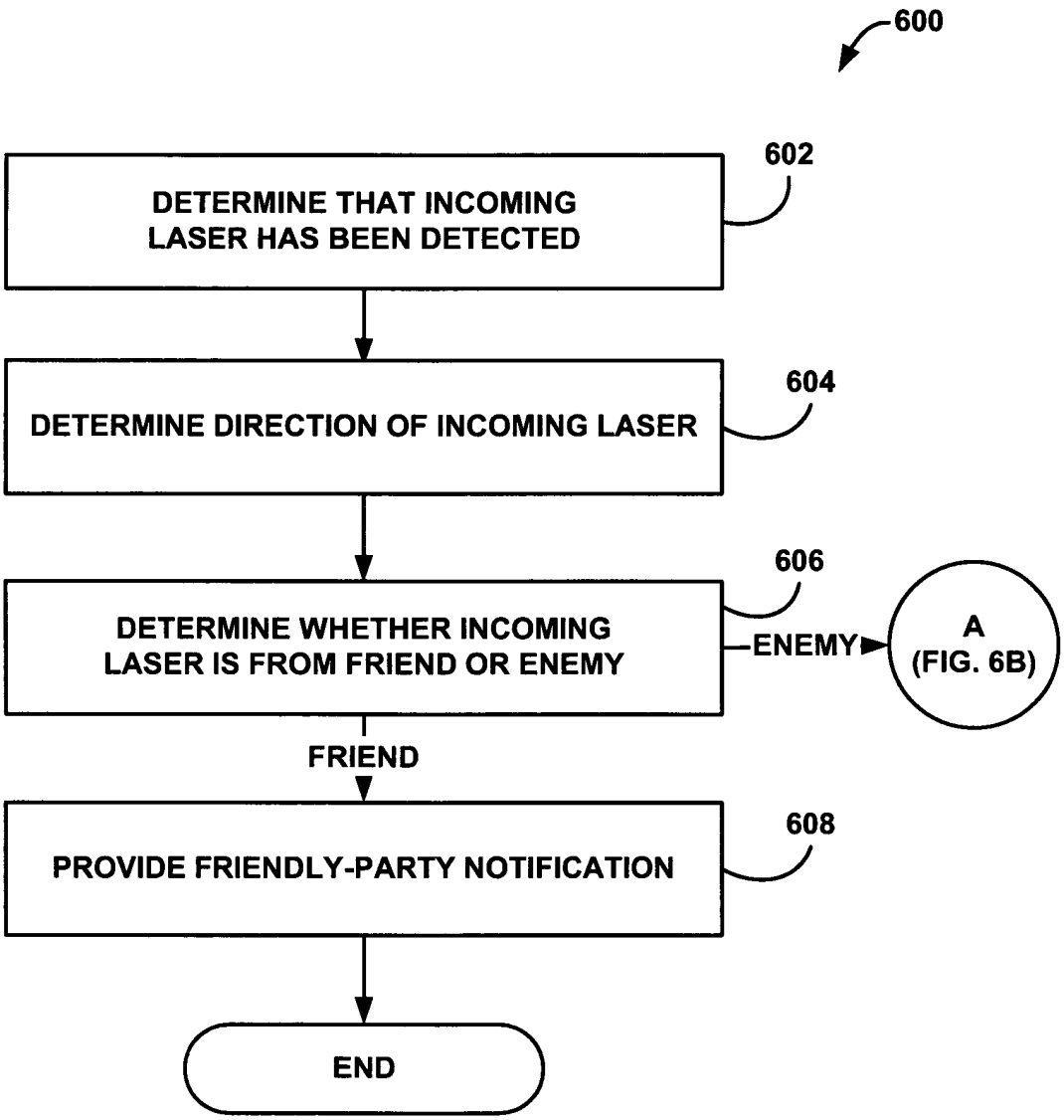
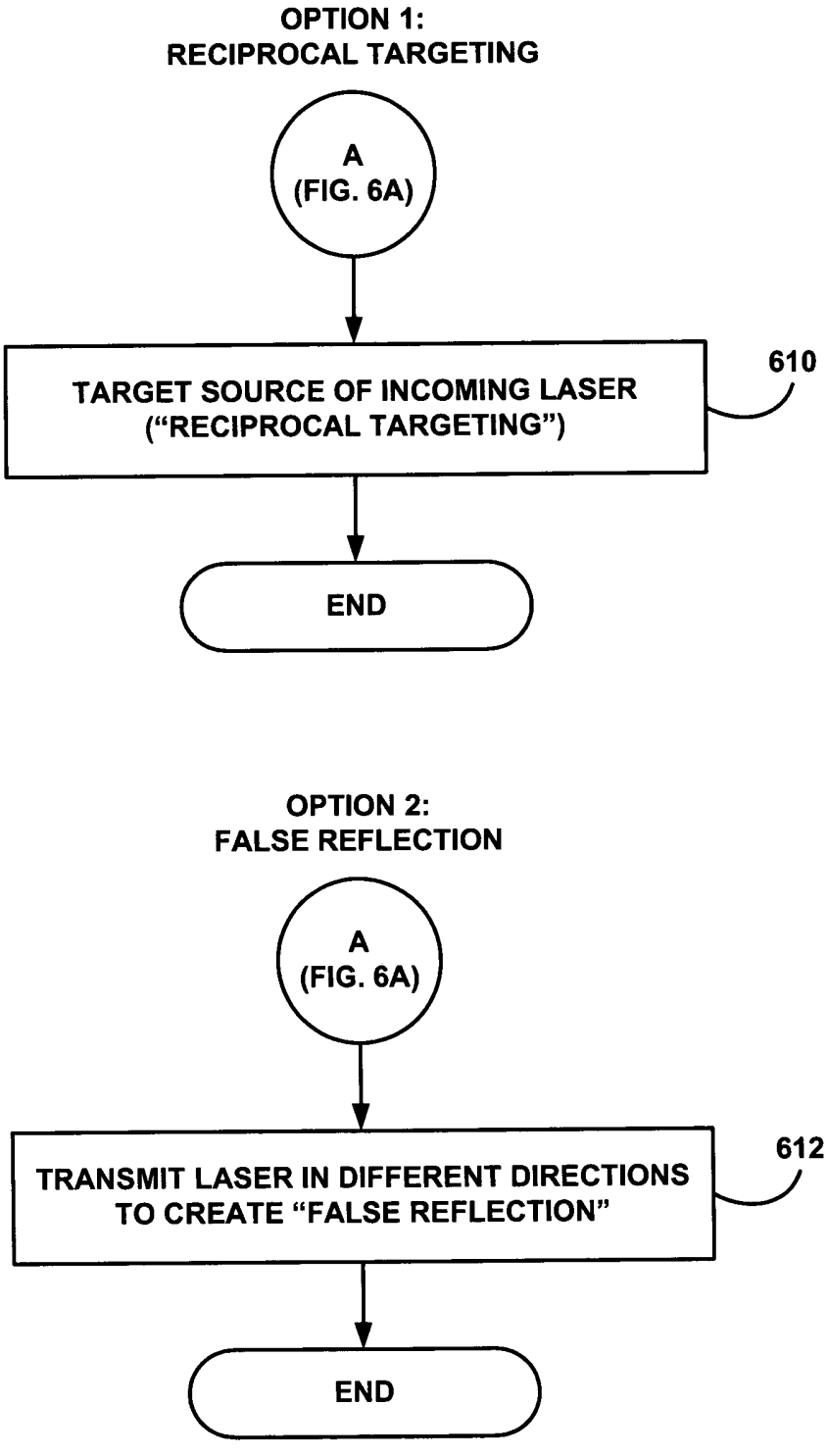

600
602
DETERMINE THAT INCOMING LASER HAS BEEN DETECTED
604
DETERMINE DIRECTION OF INCOMING LASER
606
DETERMINE WHETHER INCOMING LASER IS FROM FRIEND OR ENEMY
ENEMY
A (FIG. 6B)
FRIEND
608
PROVIDE FRIENDLY-PARTY NOTIFICATION
END

FIG. 6B


OPTION 1:
RECIPROCAL TARGETING
A
(FIG. 6A)
TARGET SOURCE OF INCOMING LASER
("RECIPROCAL TARGETING")
610
END
OPTION 2:
FALSE REFLECTION
A
(FIG. 6A)
TRANSMIT LASER IN DIFFERENT DIRECTIONS
TO CREATE "FALSE REFLECTION"
612
END